**Cell Study Guide**

**Living Things**

What six things are needed for something to be considered alive?

1. 4.

2. 5.

3. 6.

**Plant Cells vs. Animal Cells**

Put a P next to each Plant Cell description and an A next to each Animal Cell description.

1. \_\_\_\_\_\_\_\_ Rows & Columns 12. \_\_\_\_\_\_\_\_Organized

8. \_\_\_\_\_\_\_\_ Odd Shape 13. \_\_\_\_\_\_\_\_Random

9. \_\_\_\_\_\_\_\_ “Messy” 14. \_\_\_\_\_\_\_\_Recognizable Shape

10. \_\_\_\_\_\_\_\_Stacked 15. \_\_\_\_\_\_\_\_ No Pattern

11. \_\_\_\_\_\_\_\_ “Blob” Shape 16. \_\_\_\_\_\_\_\_ “Neat”

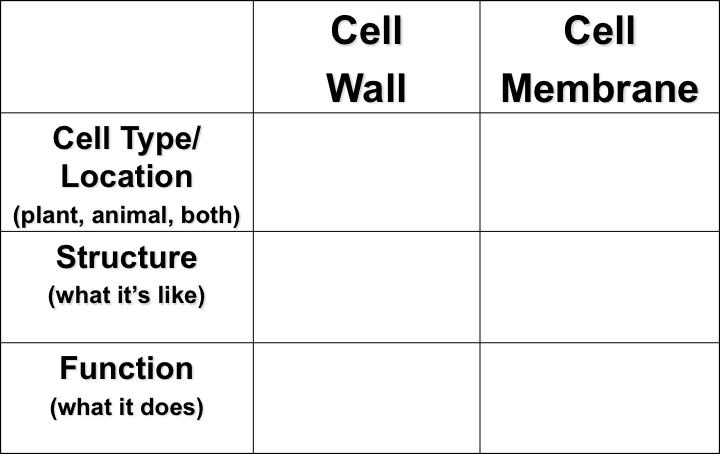
What three cell parts are only found in plant cells?

17.

18.

19

20-25. Complete the following chart about the Cell Wall and Cell Membrane



**Cell Division**

What are the two reasons that cells need to divide?

26.

27.

**Atoms vs. Cells**

Which is bigger, an atom or a cell?

28.